NC/QC/BTP-P2/2023-24/PMC

Date: 30-06-2024

To,
The Executive Engineer,
Byatarayanapura Division,
Bangalore.

"PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Name of Work: Package No. 02 (Package Consists of 05 Works Rs. 1000.00 Lakhs)1. Improvement of roads, drains and other allied works at Sindhi College road and surrounding areas in ward No. 09 Kempapura. 2. Improvement of roads, drains and other allied works at F block Sahakaranagara and surrounding areas in ward No. 09 Hebbala Kempapura. 3. Improvement of roads, drains and other allied works at Sanjeevininagar and surrounding areas in ward No. 09 Hebbala Kempapura. 4. Improvement of roads, drains and other allied works at Cauvery Enclave, Sampige road, Thindlu village, Indian Express layout, Dhanalakshmi layout and surrounding areas in ward No. 10 Byatarayanapura. 5. Improvement of roads, drains and other allied works at Byatarayanapura Village and surrounding areas in ward No. 10 Byatarayanapura.

Item No	Description of work	Unit	Qty	Remarks
1	Removing and resetting of footpath slab	Sqm	12384.03	Work done upto the Billed Quantity and the Quality is Satisfactory
2	Removing and resetting of kerb stone	Rmtr	4735.90	Work done upto the Billed Quantity and the Quality is Satisfactory
3	Earth work excavation by manual means for drains, canals, waste weir, draft, approach channels, key trenches, foundation of Buildings & bridges and such simillar works in all kinds of soils, as	Cum	4520.89	Work done upto the Billed Quantity and the Quality is Satisfactory
4	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse	Cum	100.95	Work done upto the Billed Quantity and the Quality is Satisfactory
5	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS	Cum	422.35	Work done upto the Billed Quantity and the Quality is Satisfactory
6	Supplying, fitting and placing TMT FE 550 / 550D Steel Reinforcement including cost of all materials, machinery, labour, cleaning, straightening, cutting, bending, hooking, laping/welding	tonne	13.50	Work done upto the Billed Quantity and the Quality is Satisfactory
7	Providing and laying 100mm thick pre-cast cover slabs over Road side drains / utility ducts / Rain water harvesting pit of width not exceeding 1000 mm using M20 concrete reinforced with TMT bars	Sqm	4719.39	Work done upto the Billed Quantity and the Quality is Satisfactory
8	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire	Sqm	309.51	Work done upto the Billed Quantity and the Quality is Satisfactory

Item No	Description of work	Unit	Qty	Remarks
11	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS	Cum	253.12	Work done upto the Billed Quantity and the Quality is Satisfactory
12	Providing and laying in position Cement Concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m	Cum	55.76	Work done upto the Billed Quantity and the Quality is Satisfactory
13	Providing and fixing pre cast solid cement concrete Kerb Stones made out of M20 with top and bottom width 114 and 165mm respectively, 400mm high and 450mm in length finished with CM	Nos	6429.00	Work done upto the Billed Quantity and the Quality is Satisfactory
15	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 m3 in volume and stock piling at designated locations and disposal of	Cum	1866.50	Work done upto the Billed Quantity and the Quality is Satisfactory
16	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing	Cum	1453.47	Work done upto the Billed Quantity and the Quality is Satisfactory
17	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm,	Cum	295.11	Work done upto the Billed Quantity and the Quality is Satisfactory
18	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of	Cum	197.06	Work done upto the Billed Quantity and the Quality is Satisfactory
19	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS	Cum	794.99	Work done upto the Billed Quantity and the Quality is Satisfactory
20	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30	Cum	1099.16	Work done upto the Billed Quantity and the Quality is Satisfactory
26	Unload ing, Loading & Carriage of MaterialsLoading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3)	Cum	7840.66	Work done upto the Billed Quantity and the Quality is Satisfactory
27	Cost of Haulage Excluding Loading and Unloading,Taking output 10 t load and lead 10 km = 100 t.km	t.km	11566.82	Work done upto the Billed Quantity and the Quality is Satisfactory

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st And part bill

Thanking you,

With Regards,

NEWZEN Consultants Banglore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

NC/QC/BTP-P2/2023-24/QC

Date: 30-06-2024

To,
The Executive Engineer,
Byatarayanapura Division,
Bangalore.

"FREQUENCY AND QUALITY REPORT"

Dear Sir,
Subject: Regarding Quality Report for the below mentioned work.

Name of Work: Package No. 02 (Package Consists of 05 Works Rs. 1000.00 Lakhs)1. Improvement of roads, drains and other allied works at Sindhi College road and surrounding areas in ward No. 09 Kempapura. 2. Improvement of roads, drains and other allied works at F block Sahakaranagara and surrounding areas in ward No. 09 Hebbala Kempapura. 3. Improvement of roads, drains and other allied works at Sanjeevininagar and surrounding areas in ward No. 09 Hebbala Kempapura. 4. Improvement of roads, drains and other allied works at Cauvery Enclave, Sampige road, Thindlu village, Indian Express layout, Dhanalakshmi layout and surrounding areas in ward No. 10 Byatarayanapura. 5. Improvement of roads, drains and other allied works at Byatarayanapura Village and surrounding areas in ward No. 10 Byatarayanapura.

Item No	Description of work	Unit	Qty	No of Samples Tested	Frequency	Results Standards
1	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded	Cum	422.35	5	Per 100 Cum	Meets Morth V Revision Standards
2	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per	Tn	13.50	1	Per Dia	Meets Morth V Revision Standards
3	Providing and laying in Reinforced cement concrete for all Basement & surface level works, return walls, retaining walls, sunken floors etc. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in	Cum	100.95	6	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	Meets Morth V Revision Standards

Item No	Description of work	Unit	Qty	No of Samples Tested	Frequency	Results Standards
4	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all	Cum	422.35	5	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	Meets Morth V Revision Standards
5	Providing and fixing precast reinforced cement concrete covering slabs of 10Cm thick made of M20	Sqm	4719.39	5	Per 1000 Sqm	Meets Morth V Revision Standards
6	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm	Nos	6429.00	7	Per 1000 Nios	Meets Morth V Revision Standards
7	Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the	Cum	295.11	3	Per 100 Cum	Meets Morth V Revision Standards
8	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form	Sqm	309.51	1	Per 500 Sqm	Meets Morth V Revision Standards
9	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than	Sqm	3443.48	4	Per 1000 Sqm	Meets Morth V Revision Standards
10	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification	Cum	197.06	1	Per 200 Cum	Meets Morth V Revision Standards
11	Providing and laying in position Cement Concrete for levelling course for all works in foundation. The	Cum	794.99	8	Per 100 Cum	Meets Morth V Revision Standards

Item No	Description of work	Unit	Qty	No of Samples Tested	Frequency	Results Standards
12	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to	Cum	1099.16	15	1 to 5cum=1 sample 6 to 15 cum=2 sample 16 to 30cum=3 smaple 31 to 50cum= 4 sample 51cum and above= one additonal sample for every additional 50 cum or part therof	Meets Morth V Revision Standards

With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part Bill. The all the samples satisfies the standards requirements as per MORTH V Revision 2013.

Thanking you,

With Regards,

NEWZEN Consultants Banglore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore